

## United States Patent and Trademark Office

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/659,485	09/10/2003	Lakshman S. Tamil	YOTTA1100-3	3440	
44654 75	90 11/20/2006		EXAMINER		
	PLAW GROUP		PASCAL, I	LESLIE C	
1301 W. 25TH STREET SUITE 408			ART UNIT	PAPER NUMBER	
AUSTIN, TX 78705			2613		
			DATE MAILED: 11/20/2006	DATE MAILED: 11/20/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary    Lastin Pascal   Art Unit   Last Pascal   2613	Office Action Summary		Application No.	Applicant(s)			
Leslie Pascal   Zelia			10/659,485	TAMIL, LAKSHMAN S.			
Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provisions of 2 FER 1.13(b), in no event, however, may analy be sincery listed.  1 INO period for reply is appointed above, the maintenant statution period will apply and will expert SK (5) MONTHS one the realising side of this communication.  1 Failur to reply which the stor or extended period for reply is appointed above, the maintenant statution period will apply and will expert SK (5) MONTHS one the realising dies of this communication.  1 Failur to reply which the stor or extended period for reply is application to become ABANDONED (3) U.S. £ 3.33.  Any tray received by the Coltra lister than there mainten statution period will apply and will expert SK (5) MONTHS one the realising side of this communication.  1 Status  1) ■ Responsive to communication(s) filed on 18 September 2006.  2 □ This action is FINAL. 2 □ □ This action is non-final.  3 □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4 □ Claim(s) 1.62 and 68 is/are pending in the application.  4 □ Of the above claim(s) is/are withdrawn from consideration.  5 □ Claim(s) is/are allowed.  5 □ Claim(s) is/are allowed.  6 □ Claim(s) is/are allowed.  7 □ Claim(s) is/are allowed.  8 □ Claim(s) is/are allowed.  9 □ The specification is objected to by the Examiner.  Application Papers  9 □ The proving(s) filed on is/are: a) accepted or b) □ objected to by the Examiner.  Application Papers  9 □ The drawing(s) filed on is/are: a) accepted or b) □ objected to by the Examiner.  10 □ The drawing(s) filed on is/are: a) accepted or b) □ objected to by the Examiner.  11 □ The drawing(s) filed on is/are: a) accepted or b) □ objected to by the Examiner.  12 □ Certified copies			Examiner	Art Unit			
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Paper No(s)/Mail Date 6) Dther:	3) Inform	nation Disclosure Statement(s) (PTO/SB/08)					
			6)				

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- 1. Although the applicant is only given one month to respond to the election requirement, the following problems are pointed out in order to promote compact prosecution. In claim 57, "the optical switching matrix" lacks antecedent basis. In the drawings, there are no means to provide the filtering and amplifying of claims 6-7, 17-18, 29-30, 41-42 and 55-56. Further, in these claims, it is unclear what the "optical receiver " does. Does it receive an optical signal and transmit it optically? It appears that the transmitter also receives an optical signal and transmits it optically? Are they really repeaters or amplifiers? These issues will be brought up in the next office action, if not corrected (yet the applicant does not have to correct them due to the one month time limit).
- 2. This application contains claims directed to the following patentably distinct species:
  - Species I) figure 6
  - Species II) figure 7
  - Species III) figure 8

The species are independent or distinct because the embodiments are patentably distinct.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, claims 1-2, 4-5, 8-10, 22 (since crossbar is claimed generically), 25-27, 31-32, 45-50, 53, 57-62 and 67 are generic.

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Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species.

MPEP § 809.02(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leslie Pascal whose telephone number is 571-272-3032. The examiner can normally be reached on Monday- Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Chan can be reached on 571-272-3022. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Leslie Pascal Primary Examiner Art Unit 2613